



**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701  
Web: www.mcccampbell.com E-mail: main@mcccampbell.com  
Telephone: 877-252-9262 Fax: 925-252-9269

Ecoloblue  3911 Happy Valley Road  Lafayette, CA 94596	Client Project ID: #001; Ecoloblue	Date Sampled: 03/24/08-03/25/08
		Date Received: 03/24/08
	Client Contact: Tyler Palmer	Date Reported: 03/27/08
	Client P.O.:	Date Completed: 03/26/08

**WorkOrder: 0803583**

March 27, 2008

Dear Tyler:

Enclosed within are:

- 1) The results of the **2** analyzed samples from your project: **#001; Ecoloblue,**
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McC Campbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius  
Laboratory Manager  
McC Campbell Analytical, Inc.



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**CHAIN-OF-CUSTODY RECORD**

**WorkOrder: 0803583**

**ClientCode: ECOB**

WriteOn     EDF     Excel     Fax     Email     HardCopy     ThirdParty     J-flag

<b>Report to:</b>		<b>Bill to:</b>	<b>Requested TAT: 5 days</b>
Tyler Palmer	Email: Ecoloty@yahoo.com	Wayne Ferreira	
Ecoloblue	TEL: (925) 759-7045    FAX: (925) 284-5606	Ecoloblue	<i>Date Received: 03/24/2008</i>
3911 Happy Valley Road	PO:	3911 Happy Valley Road	<i>Date Printed: 03/25/2008</i>
Lafayette, CA 94596	ProjectNo: #001; Ecoloblue	Lafayette, CA 94596	

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0803583-001	001 3/24	Water	3/24/2008 11:00	<input type="checkbox"/>	B	A											
0803583-002	002 3/25	Water	3/25/2008 8:00	<input type="checkbox"/>			A										

**Test Legend:**

1	Alka(spe)_W	2	PH_W	3	TCEC-Enum_W	4		5	
6		7		8		9		10	
11		12							

**Prepared by: Samantha Arbuckle**

**Comments:**

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).  
 Hazardous samples will be returned to client or disposed of at client expense.



### Sample Receipt Checklist

Client Name: **Ecolobue** Date and Time Received: **3/24/2008 1:23:00 PM**  
 Project Name: **#001; Ecolobue** Checklist completed and reviewed by: **Samantha Arbuckle**  
 WorkOrder N°: **0803583** Matrix Water Carrier: Client Drop-In

#### Chain of Custody (COC) Information

Chain of custody present? Yes  No   
 Chain of custody signed when relinquished and received? Yes  No   
 Chain of custody agrees with sample labels? Yes  No   
 Sample IDs noted by Client on COC? Yes  No   
 Date and Time of collection noted by Client on COC? Yes  No   
 Sampler's name noted on COC? Yes  No

#### Sample Receipt Information

Custody seals intact on shipping container/cooler? Yes  No  NA   
 Shipping container/cooler in good condition? Yes  No   
 Samples in proper containers/bottles? Yes  No   
 Sample containers intact? Yes  No   
 Sufficient sample volume for indicated test? Yes  No

#### Sample Preservation and Hold Time (HT) Information

All samples received within holding time? Yes  No   
 Container/Temp Blank temperature Cooler Temp: 16.8°C NA   
 Water - VOA vials have zero headspace / no bubbles? Yes  No  No VOA vials submitted   
 Sample labels checked for correct preservation? Yes  No   
 TTLC Metal - pH acceptable upon receipt (pH<2)? Yes  No  NA

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Client contacted: Date contacted: Contacted by:

Comments:









**QC SUMMARY REPORT FOR WET CHEMISTRY TESTS**

**Test Method: Alkalinity**

**Matrix: W**

**WorkOrder: 0803583**

Method Name: SM2320B		Units mg CaCO3/L			BatchID: 34566	
Lab ID	Sample	DF	Dup / Ser. Dil.	DF	% RPD	Acceptance Criteria (%)
0803583-001B	5.19	1	5.88	1	12.5	<20

BATCH 34566 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0803583-001B	03/24/08 11:00 AM	03/24/08	03/24/08 3:13 PM				

**Test Method: pH**

**Matrix: W**

**WorkOrder: 0803583**

Method Name: SM4500H+B		Units ±, pH units @ °C			BatchID: 34558	
Lab ID	Sample	DF	Dup / Ser. Dil.	DF	RD	Acceptance Criteria
0803583-001A	8.48 @ 22.4°C	1	8.48 @ 22.5°C	1	0	±0.02

BATCH 34558 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0803583-001A	03/24/08 11:00 AM	03/24/08	03/24/08 7:10 PM				

Dup = Duplicate; Ser. Dil. = Serial Dilution; MS = Matrix Spike; RD = Relative Difference; RPD = Relative Percent Deviation.

RD = Absolute Value (Sample - Duplicate)

RPD = 100 \* (Sample - Duplicate) / [(Sample + Duplicate) / 2]

%RPD is calculated using results of up to 10 significant figures, however the reported results are rounded to 2 or 3 significant figures. Therefore there may be a slight discrepancy between the %RPD displayed above and %RPD calculated using the reported results. MAI considers %RPD based upon more significant figures to be more accurate.





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### QC SUMMARY REPORT FOR WET CHEMISTRY TESTS

Test Method: Total Coliform / E. Coli, Enumeration

Matrix: W

WorkOrder: 0803583

Method Name: SM9223B							BatchID: 34585	
Lab ID	Analyte	Reporting Units	Sample	DF	Dup	DF	% RPD	Acceptance Criteria (%)
0803583-002A	E Coli	MPN/100ml	ND	1	ND	1	N/A	<70
	Total Coliform	MPN/100ml	ND	1	ND	1	N/A	<70

BATCH 34585 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0803583-002A	03/25/08 8:00 AM	03/25/08	03/25/08 2:48 PM				

% RPD =  $\frac{\text{abs}(\text{Sample} - \text{Dup})}{((\text{Sample} + \text{Dup}) / 2)} * 100$

N/A = Not Applicable